

FACILITY ELECTRICIAN

Purpose:

To actively support and uphold the City's stated mission and values. To perform skilled electrical work in the installation, alteration, maintenance, calibration and repair of electronics, electrical and energy management equipment and systems; and to maintain and update the City's energy conservation program.

Supervision Received and Exercised:

Receives general supervision from the Facility Maintenance Supervisor or from other supervisory or management staff.

Essential Functions:

Duties may include, but are not limited to, the following:

- Provide expertise in the electrical field to assist maintenance staff.
- Plan layout, wire and install energy efficient equipment, electrical fixtures and control equipment; modify or plan new installations to minimize waste of energy and materials.
- Install, alter, maintain and repair electrical wiring systems and equipment including air conditioning systems, pumps, exhaust fans, coolers and appliances motors.
- Inspect fuses, buss bars, thermocouples and electrical contacts for loose connections or soldering problems.
- Repair relays, heavy duty fuses, high current heaters, sprinkler controls, heating and ventilation circuits, photo and electric eyes, time clocks and transformers.
- Locate, dig-up and repair underground electrical faults; measure, cut, bend, thread, assemble and install conduit for underground feeders.
- Receive and prioritize City-wide electrical work requests and malfunction emergencies; schedule repairs and preventative maintenance.

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- Design and install computerized switches and controllers for energy management systems; select City facilities and recreational areas for lighting system upgrades; install energy-efficient lighting and maintain lighting facilities for park grounds, basketball and tennis courts, soccer and baseball fields; provide and monitor lighting for buildings and offices.
- Participate in budget preparation and administration; prepare cost estimates for budget recommendations; submit justifications for lighting conversion projects and electrical upgrade work; monitor and control expenditures.
- Develop energy management strategies for City parks and facilities; monitor electrical consumption; recommend and implement energy saving systems and procedures.
- Operate and maintain a variety of test meters and instruments.
- Locate underground electrical lines for other City staff, as well as outside contractors, as required.
- Order, install and test new equipment.
- Maintain related records and files.
- Participate in rotating paid standby schedule for weekends and holidays.
- Perform related duties as assigned.

Minimum Qualifications:

Experience:

Two years of increasingly responsible experience as a skilled electrician.

Education:

Equivalent to the completion of the twelfth grade supplemented by completion of an electrical apprenticeship or related program.

Licenses/Certifications:

Possession of, or required to obtain, a Plant Maintenance Electrician Certification.

Requires the possession of a valid driver's license at the time of application.

Examples of Physical and/or Mental Activities:

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(Pending)

Competencies:

(Pending)

Job Code: 168

Status: Non-Exempt / Classified